Section-A (MCQs)

Q.1 Choose the correct answer for each from the given options.

(i) The process in which molecules escape from the surface of liquid is called.
(a) sublimation (b) Evaporation (c) Boiling (d) Melting

(ii) The suspended particles in suspension are generlaly of the size.
(a) 10 nm (b) 100 nm (c) 1200 nm (d) 1 nm

(iii) One Faraday is equivalent ot ______ coulombs.
(a) 95600 (b) 96500 (c) 94500 (d) 96000

(iv) The formula of washing soda is:
(a) Na_2CO_3 (b) $Na_2CO_3.H_2O$ (c) $Na_2CO_3.10H_2O$ (d) $NaHCO_3$

(v) When ammonium chloride is heated witha base, the gas liberated is:
(a) Ammonia (b) Oxygen (c) Nitrogen (d) Nitric oxide

(vi) The density of rhombic sulphur is:
(a) 1.96 (b) 1.92 (c) 2.4 (d) 2.08

(vii) The must abundant and useful halogen is :
(a) Bromine (b) Fluo (c) Iodine (d) Chlorine

(viii) The formula of iron rust is:
(a) Fe_2O_3 (b) Fe_3O_4 (c) $Fe_2O_3.H_2O$ (d) FeO

(ix) Natural gas mainly consists of:
(a) Methane (b) Ethane (c) propane (d) Butane

(x) Sodium hydroxide is prepared at large scale bythe following method:
(a) Electrolytes process (b) Saponification method
(c) Hydrolysis (d) None of these

(xi) During an endothermic reaction.
(a) Container used becomes cold (b) containe used becomes hot
(c) The temperature of container used remains same
(d) Total energy of reactant increase

(xii) A human being consumes water about ______ every day.
(a) 5 litres (b) 2 litres (c) 2.5 litres (d) 1.0 litres.

(xiii) Diamond is used as abrasive because it is:
(a) Hard (b) Soft
(c) Cubic (d) Bad conductor of electricity

(xiv) The sum of the atomic masses of all atoms in a formula unit of substance is called:
(a) Empirical formula (b) Molecular formula
(c) Molecular mass (d) Formula mass

(xv) The number of isotpes of hydrogen is:
(a) 2 (b) 3 (c) 4 (d) None of these

(xvi) The only liquid metal is ___
(a) Molybdenum (c) Mercury (d) Bromine

(xvii) The bond which is formed by one sided sharing of pair of electron is called:
(a) Ionic bond (b) Covalent bond
(c) Coordinate Covalent bond (d) Chemical bond